

Electronic Acknowledgement Receipt

EFS ID:	5013309
Application Number:	10825021
International Application Number:	
Confirmation Number:	7500
Title of Invention:	System and method for topology-aware job scheduling and backfilling in an HPC environment
First Named Inventor/Applicant Name:	Shannon V. Davidson
Customer Number:	45507
Filer:	Kevin J Meek/Christine Fortier
Filer Authorized By:	Kevin J Meek
Attorney Docket Number:	064747.1017
Receipt Date:	23-MAR-2009
Filing Date:	15-APR-2004
Time Stamp:	13:33:48
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	8886
Deposit Account	020384
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement Letter	IDSLetter.pdf	49745	no	2
			f2361e6fb293290806054840c80a8425129c bf1a		
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Filed (SB/08)	IDS.pdf	248155	no	4
			0b793acb0a3027e6400eadf59a5524527faf 6672		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
3	Foreign Reference	JP8227356.pdf	857176	no	12
			a9618364b261139cccd917d1515c3eb8f9 6eb8b		
Warnings:					
Information:					
4	Foreign Reference	WO02095580A1.pdf	3410602	no	78
			92db9a83f58d1cf0bcb9f23976b2d1fc9d2 14bd		
Warnings:					
Information:					
5	Foreign Reference	WO2005106696A1.pdf	2170992	no	44
			a23b19305c76d3738c0082343752af37b83 858ec		
Warnings:					
Information:					
6	NPL Documents	6.pdf	666541	no	17
			1fe029f12f10bbbc6bcff403d670e31781fdb 49d		
Warnings:					
Information:					
7	NPL Documents	7.pdf	474778	no	15
			c14fa25668cef4087a868900d99d87715c3bb ecea		
Warnings:					
Information:					
8	NPL Documents	8.pdf	481395	no	13
			24a6533b01dd42231ea7ed03fee14383266 4da15		
Warnings:					
Information:					

9	NPL Documents	9.pdf	410242	no	12
			39142283a4b05ecfe8d09beacb4cd8bab34704eb		
Warnings:					
Information:					
10	NPL Documents	12.pdf	453665	no	13
			10f7ded50a35fccab6581bed57cb9f9114c7dbcc		
Warnings:					
Information:					
11	NPL Documents	13.pdf	743879	no	18
			d8650de055075f5c10513fef798d4e7d782dd537d		
Warnings:					
Information:					
12	NPL Documents	14.pdf	521833	no	15
			8a4e15858f97663c15efd1c3b746d64894dc95ba		
Warnings:					
Information:					
13	NPL Documents	15.pdf	329733	no	10
			c5d15e194e2e4078393332c76b89c0b17240bd29		
Warnings:					
Information:					
14	NPL Documents	16.pdf	194481	no	6
			4771d290d4347d5f9ec775eef273076653e8ec51		
Warnings:					
Information:					
15	NPL Documents	17.pdf	573120	no	18
			09527cb1b632a2cecd3acdef9a61df9cd4669df		
Warnings:					
Information:					
16	NPL Documents	18.pdf	624554	no	17
			7b1aa71e10508a368fa33878861b6a133d854668		
Warnings:					
Information:					
17	NPL Documents	19.pdf	589648	no	17
			3bab9fc730cb0e035ea2348db23aebef3109ade0		
Warnings:					
Information:					

18	NPL Documents	21.pdf	593470	no	16
			e1259a7f62d1364c11fece098dbcac5af5282f5d		
Warnings:					
Information:					
19	NPL Documents	22.pdf	864905	no	29
			1783a6c3aafd998c6d31ec644c5650ad0d410494		
Warnings:					
Information:					
20	NPL Documents	23.pdf	592024	no	14
			98b16c249017b643535485549406ce0e8b289769		
Warnings:					
Information:					
21	NPL Documents	24.pdf	481861	no	13
			99482e865d2a953900824bf6a6c497fe25979fe		
Warnings:					
Information:					
22	NPL Documents	25.pdf	434553	no	12
			f54d7110499969aba5fba7db755b62074455bc53		
Warnings:					
Information:					
23	NPL Documents	26.pdf	391575	no	8
			749ab4d422885f00f5bd07ccca700d9369b0d645		
Warnings:					
Information:					
24	NPL Documents	27.pdf	625283	no	16
			4ae0835fcb5c8fc8c5642b46d09d0522e8e77a9d		
Warnings:					
Information:					
25	NPL Documents	28.pdf	577849	no	17
			209448644768e6fcf94a10769be468f513c156e8		
Warnings:					
Information:					
26	NPL Documents	29.pdf	129127	no	4
			3b6137cc8052fe9caca4fe296215169e33c17a43		
Warnings:					
Information:					

27	NPL Documents	31.pdf	572875	no	16
			1642ce2e4881014b02d0b94d3ffa6aedf04a8d		
Warnings:					
Information:					
28	NPL Documents	32.pdf	455749	no	14
			040532bd69a94ac7c11d529441851e2b101a5b09		
Warnings:					
Information:					
29	NPL Documents	33.pdf	148012	no	5
			34412220dd0cdb6d8d2e7fb4b67d6905cf00319d		
Warnings:					
Information:					
30	NPL Documents	34.pdf	172485	no	4
			9fd500d2b48b851e85ff8b8861dc0c9ae2f62b76		
Warnings:					
Information:					
31	NPL Documents	35.pdf	287533	no	5
			1b87699e113e1b99e2f00a9571502e8765437cee		
Warnings:					
Information:					
32	NPL Documents	36.pdf	183493	no	5
			f4436382579fb507c7123d54459f2769c59c3755		
Warnings:					
Information:					
33	NPL Documents	37.pdf	128425	no	3
			bab469dc85650b63bded6b6445afaec89304852f		
Warnings:					
Information:					
34	NPL Documents	38.pdf	148319	no	3
			31dec1b6d2c86a4c9dc97c64abb987652820f580		
Warnings:					
Information:					
35	Fee Worksheet (PTO-06)	fee-info.pdf	30199	no	2
			0446694d0333611bca43e466ebe127af18e29362		
Warnings:					
Information:					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.